

LAND RECLAMATION, FIRE CONTROL SPECIFICATIONS

FOUNDATION PREPARATION

The foundation area shall be cleared of trees, brush, debris, and rubbish to conduct fire control operations. Waste materials shall be disposed of at designated locations by burning or burying as specified on the plans.

EXCAVATION OF BURNING MATERIALS

Hot materials shall be excavated and cooled by quenching with water or mixing with incombustible soil materials as specified on the plans. Cooled material shall be stockpiled for use as backfill area is ready. Cooled material shall be placed and compacted in layers. The surface shall be placed to the approximate final grade in readiness for the seal, top-soil, and vegetation.

BARRIERS

Barriers of earth or fly ash shall be placed to line and grade as shown on the plans, or as specified during installation, to provide a positive barrier to the fire.

INSPECTION HOLES

Holes for inspection will be drilled at the locations and to the depths specified on the plans. Casings and caps of the size, thickness, and materials specified shall be installed to line and grade. Marker posts shall be installed as necessary. All holes not cased and capped shall be sealed with nonflammable material.

SEALS

Seals of incombustible soil materials shall be installed to the thickness specified. The seal shall be placed in layers not exceeding 300 mm (1 ft) thick and compacted by normal traffic or by a compacting roller as necessary to achieve the required density. Topsoil shall be added to the specified thickness after the seal is compacted.

PROTECTION

A protective cover of vegetation shall be established on all exposed surfaces if soil and climatic conditions permit. Nonvegetative protective measures may be used if soil and climatic conditions preclude the use of vegetation.

Appropriate safety measures, warning signs, rescue facilities, fencing, and other measures shall be provided.